

APPENDIX

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Biographical Sketches

JANET L. NORWOOD (*Chair*) is a senior fellow at the Urban Institute and author of *Organizing to Count: Change in the Federal Statistical System* (1995). Previously she served as commissioner of labor statistics in the U.S. Department of Labor. She has written articles and monographs on statistical policy and on unemployment, price, and wage statistics and has testified often on these issues before congressional committees. She has been a member of the Committee on National Statistics of the National Research Council since 1991, is chair of the Advisory Committee for the Leading Indicators, and is a member of advisory committees at the National Science Foundation, at several statistical agencies, and at universities. She has a B.A. degree from Rutgers University and M.A. and Ph.D. degrees from the Fletcher School of Law and Diplomacy of Tufts University. She has received honorary LL.D. degrees from Florida International and Carnegie Mellon Universities.

VINCENT P. BARABBA is the general manager of Corporate Strategy and Knowledge Development at General Motors. He is responsible for overseeing the Business Decision Support Center and Knowledge Network Development and Integration, as well as Corporate Strategic Planning. Previously, he was the director of market intelligence for the Eastman Kodak Company, and he twice served as director of the Bureau of the Census, in the U.S. Department of Commerce. He is the past president and a fellow of the American Statistical Association and has served as U.S. representative to the population commission of the United Nations and chair of the National Research Council panel to review the statistical program of the National Center for Education Statistics. He has a B.A. degree from California State University at Northridge and an M.B.A. degree in marketing from the University of California at Los Angeles.

JAMES T. BONNEN is professor of agricultural economics at Michigan State University. His current research interests include information systems theory, the design and management of statistically based policy decision systems, and agricultural research policy. In 1981 he received the American Statistical Association's Washington Statistical Society's Julius Shiskin award for outstanding achievement in economic statistics. He is a fellow of the American Agricultural Economics Association, the American Statistical Association, and the American Association for the Advancement of Science. He has a B.A. degree from Texas A&M University, an M.A. degree from Duke University, and a Ph.D. degree from Harvard University, all in economics.

CAROL S. CARSON is the director of the Statistics Department at the International Monetary Fund. Previously she was with the Bureau of Economic Analysis, U.S. Department of Commerce, where her positions included chief economist, deputy director, and director. She teaches a graduate course in economic accounting at the George Washington University. She serves on the executive committee of the Conference on Research in Income and Wealth and on the board of directors of the National Association of Business Economists, and she was awarded the presidential rank of distinguished executive and the Shiskin Award in economic statistics. She has a B.A. degree from the College of Wooster, an M.A. degree from the Fletcher School of Law and Diplomacy at Tufts University, and a Ph.D. degree from the George Washington University.

CONSTANCE F. CITRO (*Study Director*) is a member of the senior staff of the Committee on National Statistics. She is a former vice president and deputy director of Mathematica Policy Research, Inc., and was an American Statistical Association/National Science Foundation research fellow at the Bureau of the Census. Her research has focused on the usefulness and accessibility of large, complex microdata files, as well as analysis related to income and poverty measurement. For the Committee on National Statistics, she has served as study director for several panels, including the Panel on Poverty and Family Assistance, the Panel on Retirement Income Modeling, the Panel to Evaluate the Survey of Income and Program Participation, and the Panel on Decennial Census Methodology. She is a fellow of the American Statistical Association. She has a B.A. degree from the University of Rochester and M.A. and Ph.D. degrees in political science from Yale University.

WILLIAM F. EDDY is professor of statistics at Carnegie Mellon University. His research concentrates on the computational and graphical aspects of statistics. He is particularly interested in dynamic graphics for the analysis and presentation of data, especially those dynamic graphical displays that cannot be rendered interactively. He is a fellow of the American Association for the Advancement of Science, the American Statistical Association, the Institute of Mathematical Sta-

tistics, and the Royal Statistical Society and is an elected member of the International Statistical Institute. He was the founding co-editor of *Chance* magazine and is the founding editor of the *Journal of Computational and Graphical Statistics*. He has an A.B. degree from Princeton University, and M.A., M.Phil., and Ph.D. degrees from Yale University.

EMERSON J. ELLIOTT is a consultant on education policy, federal statistics, and management. Currently his work is primarily with the National Council for Accreditation of Teacher Education and concerns development of performance standards for the content portion of teacher education in the accreditation process. Previously he headed the National Center for Education Statistics and served as the first commissioner of education statistics when the post became a presidentially appointed, Senate-confirmed position. In total he was employed by the federal government for more than 38 years in the U.S. Departments of Education and Health, Education, and Welfare, the Office of Management and Budget, and the Bureau of the Budget. He is a member of the advisory committee on research and development for the College Board. He is a member of the American Educational Research Association and a fellow of the American Statistical Association. He has a B.A. degree from Albion College and an M.A. degree in public administration from the University of Michigan.

FRANCIS B. FRANCOIS is executive director of the American Association of State Highway and Transportation Officials (AASHTO). Previously he was a member of the County Council of Prince George's County, Maryland, an elected position in which he dealt with transportation, public works, environmental, and community development issues. During his 18 years as an elected county official, he served as president of the National Association of Counties and president of the National Association of Regional Councils. He is also a registered patent attorney who engaged actively in a patent and trademark law practice before coming to AASHTO. He is a member of the board of directors and past chair of ITS America; he also serves as an ex officio member of the executive committee of the Transportation Research Board and on the boards of several other national and international transportation organizations. He has an engineering degree from Iowa State University and a J.D. degree from George Washington University.

ROBERT M. GROVES is director of the Joint Program in Survey Methodology, based at the University of Maryland. It is a National Science Foundation-sponsored consortium of the University of Maryland, the University of Michigan, and Westat, Inc. He is a professor of sociology at the University of Michigan and a research scientist at its Institute for Social Research. At the Michigan Survey Research Center, he is a member of the Survey Methodology Research Program. While on loan from the University of Michigan, he spent two years as an associate director of the Bureau of the Census. His current research interests focus on

theory-building in survey participation and models of nonresponse reduction and adjustment. He has investigated the impact of alternative telephone sample designs on precision, the effect of data collection mode on the quality of survey reports, causes and remedies for nonresponse errors in surveys, estimation and explanation of interviewer variance in survey responses, and other topics in survey methods. He has a B.A. degree from Dartmouth College and a Ph.D. from the University of Michigan.

NANCY HUMPHREY is a senior staff officer at the Transportation Research Board (TRB), a unit of the National Research Council. She has been with the Studies and Information Services Division of TRB for more than 10 years and has managed several policy studies, including a review of transportation data needs for national decision making—*Special Report 234: Data for Decisions*—that recommended creation of the Bureau of Transportation Statistics. She has an M.A. degree in public and private management from the Yale School of Management.

ROBERT E. MARTINEZ is the secretary of transportation in the Commonwealth of Virginia. He is charged with oversight of the development and implementation of Virginia's transportation program. He has management and budgetary responsibility for the commonwealth's Department of Transportation, Department of Motor Vehicles, Department of Aviation, Department of Rail and Public Transportation, and the Virginia Port Authority. He also serves as chairman of the Commonwealth Transportation Board, which oversees highway construction, highway use regulations, compliance with federal transportation laws, and administration of the Transportation Trust Fund and the Highway Maintenance and Operating Fund. Previously he was manager of strategic planning at Norfolk Southern Corporation, focusing primarily on intermodal projects and transportation planning. He has also worked for the federal government in the U.S. Department of Transportation. He was deputy administrator of the Maritime Administration and was later appointed as associate deputy secretary of transportation and director of the Office of Intermodalism. He has a B.A. degree from Columbia University and an M.A. degree in international relations and a Ph.D. degree in political science from Yale University.

MICHAEL D. MEYER is professor of civil and environmental engineering, director of the Transportation Research and Education Center, and chair of the School of Civil and Environmental Engineering at the Georgia Institute of Technology. Previously he was director of transportation planning and development for Massachusetts, where he was responsible for statewide planning, project development, traffic engineering, and transportation research. He is an active member of numerous professional organizations and has chaired committees relating to public transportation, transportation planning, environmental impact analysis, transportation policy, transportation education, and intermodal transportation. He

has a B.S. degree from the University of Wisconsin, an M.S. degree from Northwestern University, and a Ph.D. degree from the Massachusetts Institute of Technology, all in civil engineering.

PETER L. SZANTON is president of Szanton Associates and a consultant on strategic planning and organizational renewal. An associate director of the U.S. Office of Management and Budget during the Carter administration, he also served with two presidential commissions on federal organization and was founding president of the New York City RAND Institute. He is the author of reports and articles on a number of subjects and of books on national service, federal organization, and the relationships between consultants and municipal officials. He serves on the boards of several nonprofit organizations and chairs the board of the National Academy of Public Administration. He has B.A., M.A., and Ph.D. degrees from Harvard University.

GERALDINE A. TURNER is chief economist with Virginia's Department of Motor Vehicles. Previously she served as senior economist with the Virginia Department of Taxation and associate legislative analyst with the Joint Legislative Audit and Review Commission. In 1989 she was coordinator for Virginia's Tax Amnesty program. She has B.S. and M.A. degrees from Virginia Commonwealth University, both in economics.

CHARLES A. WAITE is a consultant in economic statistics with CBW Consulting. He is a former associate director for economic programs at the Bureau of the Census, where he directed the quinquennial economic and agriculture censuses, as well as preparation of such principal economic indicators as retail sales and foreign merchandise trade. Prior to that he served as chief economist and associate director at the U.S. Department of Commerce's Bureau of Economic Analysis, where he was closely involved in the calculation and analysis of the National Income and Product Accounts and the system of leading economic indicators. He is a fellow of the National Association of Business Economists. He has a B.A. degree from the University of Michigan and pursued graduate studies in economics at Michigan State University and the American University.

ALICE J. WATLAND is senior program officer for transportation data at the Transportation Research Board, a unit of the National Research Council, where she coordinates the activities of the standing committees that address national, state, and local transportation data policy issues. Previously she worked with the National Association of Regional Councils and Mid-America Regional Council, the Metropolitan Planning Organization in Kansas City, Missouri, in areas of economic development. She has a B.A. degree from North Dakota State University and an M.A. degree in research methods and statistics from the University of Missouri-Kansas City.

JULIAN WOLPERT is professor of geography, public affairs, and urban planning at Princeton University's Woodrow Wilson School, where he chairs the program in urban and regional planning. His research interests include land use and transportation planning and the provision of urban public services. He is a member of the National Academy of Sciences and previously chaired the Commission on Behavioral and Social Sciences and Education, served on the executive committee of the Transportation Research Board, and served on other NAS-NRC commissions and panels. He has a B.A. degree from Columbia University and M.S. and Ph.D. degrees from the University of Wisconsin.